

12/29/00

Jc720 U.S. PTO

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	NTT-3.2.142/3516
First Inventor	Shiquan WU et al
Title	ADAPTIVE TIME DIVERSITY AND SPATIAL DIVERSITY FOR OFDM
Express Mail Label No.	EL694443085US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 32]
(preferred arrangement set forth below)
- Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 6]
5. Oath or Declaration [Total Pages]
- a. ☐ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)
- i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☐ paper
- c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement of Power of Attorney
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 [Copies of IDS Citations]
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35
or its equivalent.
17. ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: _____

Prior application information:

Examiner: _____

Group Art Unit: _____

For CONTINUING OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuing or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion of the disclosure is omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label ☒ Correspondence address below

Name	COBRIN & GITTES				
Address	750 Lexington Avenue - 21st Floor				
City	New York	State	NY	Zip Code	10022
Country	USA	Telephone	212-4864000	Fax	212-4864007

Name (Print/Type)	Robert J. Hess	Registration No. (Attorney/Agent)	32,139
Signature	<i>Robert J. Hess</i>	Date	29 DEC 00

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

Patent fees are subject to annual revision. Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

Application Number	To be assigned
Filing Date	Concurrently herewith
First Named Inventor	Shiquan WU et al
Group Art Unit	To be assigned
Examiner	To be assigned

Attorney Docket Number	NTL-3.2.142/3516
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FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity	Small Entity
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Code	(\$)	Code	(\$)	Fee Description	Fee Paid
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106	120	205	65	Superbarn - Late filling fat or both
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127	50	227	25	Surcharge - late provisional filing fee or cover
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[illegible]

147	2,520	147	2,520	Request for Reexamination
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112	920*	112	920*	Req. publication of SIR prior to Examiner action
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Code	(\$)	Code	(\$)	Fee Description	Fee Paid	115	110	215	55	Extension within first month
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101	710	201	355	Utility filing fee	\$ 710.00	116	390	216	195	Extension within second month
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106	320	206	160	Design filing fee	117	890	217	445	Extension within third month
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107	100	207	216	Plant filing fee	118	1,300	218	695	Extension within four month
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105	510	200	346	2.1	511.6	120	1,800	228	046	Extension within fifth month
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[illegible][illegible][illegible]

121	270	227	199	Request for oral hearing
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	Extra Claim	Fee below	Fee Due	138	1,510	138	1,510	Petition to institute a public use proceeding
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Total Claims	36	-20 =	16	x	9 or 18	\$288.00	140	110	240	55	Petition to revive - unavoidable
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Indep. Claims	6	-3 =	3	x	40 or 80	\$ 240.00	141	1,210	241	605	Petition to revive - unintentional	
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Multiple Dependent	-	130	\$	142	1,240	241	620	Utility issue fee (or reissue)	
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** or number previously paid, if greater; for reissues, see below	143	440	243	220	Design issue fee . .
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Large Entity	Small Entity	144	600	244	300	Plant issue fee	.
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Code	(\$)	Code	(\$)	Fee Description	122	130	122	130	Petitions to the Commissioner
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103	18	203	9	Claims in excess of 20	123	50	123	50	Petitions related to provisional applications
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102	80	202	40	Independent claims in excess of 3	126	240	126	240	Submit Info. Disclosure Stmt
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101	270	204	136	Multiple dependent claim, if not paid	581	10	581	10	Parent Assignment per property	\$ 40.00
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150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603
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[illegible]

110	18	210	9	**Reissue claims in excess of 20 and over original	149	710	249	355	For each additional invention to be examined (37 CFR 1.102(d))
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[illegible]

				SUBTOTAL	(9/20/00)	Cash (specify) _____		

	Reduced by Basic Training Fee Fund	500107420(9)	500107420(9)
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SUBMITTED BY	Complete (if applicable)
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Typed or Printed Name	Robert J. Hess	Registration Number	32.139
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